



## **GT-123F**

16 digital inputs

24 VDC

SINK/SOURCE

20-pin connector (cable not included)

Con20-Open-Cab 5m can be used in combination (part.no. 313296)

## Facts

### General description

Article number	100-8001
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), 5 ~ 25 Hz: $\pm 1.6\text{mm}$ , 25 ~ 300 Hz: 4G, Sweep rate: 1 octave/min., 20 cycles, Random vibration (based on IEC 60068-2-64), 10 ~ 40 Hz: $0.0125\text{g}^2/\text{Hz}$ , 40 ~ 100 Hz: $0.0125 \rightarrow 0.002\text{g}^2/\text{Hz}$ , 100 ~ 500 Hz: $0.002 \text{g}^2/\text{Hz}$ , 500 ~ 2000 Hz: $0.002 \rightarrow 1.3 \times 10^{-4}\text{g}^2/\text{Hz}$ , Test time: 1hrs for each test
Industrial emissions	EN 61000-6-4/A11: 2011
Industrial immunity	EN 61000-6-2: 2019
Product certifications	Horisontal, Vertical CE, UL, cUL, FCC, RoHS, China RoHS, Reach
Power dissipation	Max. 50 mA @ 5 VDC
Isolation	I/O to Logic: Photocoupler isolation, I/O to Field Power: Non-Isolation
Field power	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC
Weight	50 g
Module size	12x99x70 mm

### Environmental

Mounting	35mm DIN rail
Operating temperature	-20 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-20 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

### Digital input module specifications

Indicators	16 green input status
Inputs per module	16 points universal type
OFF state voltage	9.3 VDC @ 25°C
ON state current	3.0 mA / point @ 30 VDC
ON state voltage	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC
Input filter	Adjustable, up to 10 ms
Nominal input impedance	10.2 k $\Omega$ typical
Input signal delay	OFF to ON: 0.3 ms, ON to OFF: 0.3 ms
Common type	16 points / 2 COM (Single Common)

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Beijer Electronics, Inc.  
850 South 3600 West, Suite C  
Salt Lake City, UT 84104  
USA

Sales: +1 801-708-6631 Support: +1 801-708-6690 (tel:Sales: +1 801-708-6631 Support: +1 801-708-6690)  
[sales.americas@beijerelectronics.com](mailto:sales.americas@beijerelectronics.com) (mailto:sales.americas@beijerelectronics.com)